

1st and final Bill

M. A. R. 57 (Rule 116)

No. D

Measurement Book

61908

Serial No. Improvements to roads and drains at and across Harimour bag out

Name of work in ward NO. 14, Bagelagumte From ..... To .....

Name of Contractor of nature of Agency KRIDL .....

Date of commencement of work .....

| Date<br>1 | Full description, etc, of work<br>2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Dimensions  |             |              |            | Contents<br>7 | Reference<br>to last<br>Measurement<br>8 |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|---------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |               |                                          |
|           | <p>Est. cost = 20.00 lakhs<br/>Job code :- <u>014-18-000038</u> <u>Resale :- 3329</u><br/>A.A.NO - <u>EE/DD/AS/633/17-18</u> <u>dt. 21/12/2017</u><br/>T.S.NO - <u>EE/DD/TS/442/17-18</u> <u>dt. 21/12/2017</u><br/>N.O.NO - <u>EE/DD/NO/363/17-18</u> <u>dt. 26/03/2018</u></p> <p>① Earthwork excavation by manual means is ordinary<br/>Soil involving an average horizontal throw upto 2m and<br/>an average depth upto 0.5m excavated surface levelled<br/>and sides neatly dressed, the disposed soil to be levelled</p> |             |             |              |            |               |                                          |

# MEASUREMENT BOOK

| Date<br>1 | Full description, etc, of work<br>2                                                                                                                                                                                                                                                                                                                                                                                                            | Dimensions  |             |              |            | Contents<br>7                                                                     | Reference<br>to last<br>Measurement<br>8 |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|-----------------------------------------------------------------------------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |                                                                                   |                                          |
|           | <p>neatly after breaking of clods complete as specifications.</p> <p>As per premeasurement &amp;ty recorded in this MB at pg. no. 619652 note at. NO. (1) i.e.</p> <p>@ Rate of <del>86.92/cum</del></p>                                                                                                                                                                                                                                       |             |             |              |            | <p>309.00 cum</p> <p>= ₹ 26858/-</p>                                              |                                          |
|           | <p>(2) providing, laying, spreading and compacting graded Stone aggregates to meet maximum dam specifications including pre mixing the material with water either in mechanical mix plant or by mixed method of transport to site, laying in uniform layers with power sub base well prepared surface and compacting with vibratory roller</p> <p>As per premeasurement &amp;ty recorded in this MB at pg. no. 61962 note II. NO. (2) i.e.</p> |             |             |              |            | <p>35.18 cum</p> <p>34.50 cum</p> <p>@ Rate of 1768-08/cum</p> <p>= ₹ 60999/-</p> |                                          |

## No. D

61909

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date<br>1 | Full description, etc, of work<br>2                                                                                                                                                                                                                                                                                                                                                                                                                                | Dimensions  |             |              |            | Contents<br>7                     | Reference<br>to last<br>Measurement<br>8 |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|-----------------------------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |                                   |                                          |
| ③         | <p>providing and laying in position p.c of mix 1:1.6:8 with op cement @ 100kg, with 40mm and dearsize graded granule metal @ 0.85 cu and FA @ 0.57 cu machine mixed, concrete laid in layers not exceeding 18cm. thick well compacted in foundation and plinth including cost of all materials, labors, complete as per specifications.</p> <p>As per premeasurement qty recorded in the MB at Pg. No. 6.1966 vide Jt. NO. ③. 12.</p> <p>@ rate of 5159.01 per</p> |             |             |              |            | <p>39.60 cu</p> <p>31.12.2024</p> |                                          |

# MEASUREMENT BOOK

| Date<br>1 | Full description, etc., of work<br>2                                                                                                                                                                                                                                                                                                                                                                                | Dimensions  |             |              |            | Contents<br>7                         | Reference<br>to last<br>Measurement<br>8 |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|---------------------------------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                                                     | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |                                       |                                          |
| (A)       | <p>Providing and removing centering, shuttering &amp; strutting propping etc. and removal of formwork for vertical surface such as walls at any thickness, including attached plaster, buttered plinth and string courses cost of all materials, labour complete as per specifications.</p> <p>As per premeasurement qty recorded in this MB at Pg. No. 61967 vide dt. no. (A) i.e.</p> <p>@ rate of 310.52/sqm</p> |             |             |              |            | <p>792.00 sqm</p> <p>= ₹ 245979/-</p> |                                          |
| (5)       | <p>Providing and laying in position P.C.C of mix 1:2:4 with cement @ 240 kgs, with 20mm and down size graded granite metal @ 0.69 cum and F<sub>2</sub> @ 0.459 cum machine mixed, concrete laid in layers not exceeding 15cm, thick well compacted in foundation.</p>                                                                                                                                              |             |             |              |            |                                       |                                          |

*[Signature]*

**M. A. R. 57 (Rule 116)**  
Measurement Book

**No. D**

**61910**

Serial No. ....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date<br>1 | Full description, etc., of work<br>2                                                                                                                                                                                                                                                                                                                                                                          | Dimensions  |             |              |            | Contents<br>7                                                               | Reference<br>to last<br>Measurement<br>8                                                        |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                                               | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |                                                                             |                                                                                                 |
|           | including cost of all materials, labour, curing complete as per specifications.<br><br>As per premeasurement Qty recorded in the MR at Pg. No. <del>61967/2</del> <del>61973/2</del> note at. No. B. U. Qty led to @ rate of 5767.44/-<br><br>⑥ Supplying, fitting and placing RMT bars Fe 500 reinforcement in sub structure complete as per drawing and technical specifications complete as specification. |             |             |              |            | 82.50 cu<br><del>57.20 cu</del><br>79.20 cu<br>= ₹ 296144/-<br>= ₹ 456783/- | C&P<br>Sb Jangar<br>ಹಾಸನ ಜಿಲ್ಲಾ ಕಾರ್ಯಪಾಲಕರ ಕಛೇರಿ<br>ಬಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ<br>ದಾಗಲಗುಂಜಿ, ಬಿಜನೂರು |

# MEASUREMENT BOOK

| Date<br>1 | Full description, etc, of work<br>2                                                                                                                                                                                                                                                                   | Dimensions  |             |              |            | Contents<br>7                                                                                               | Reference<br>to last<br>Measurement<br>8 |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                       | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |                                                                                                             |                                          |
|           | As per premeasurement<br>MB at pg. no. 61966/2 vide ut. no. ⑥                                                                                                                                                                                                                                         |             |             |              |            | Qty recorded in this<br>6.48 tonne<br>Qty left to<br>6.27 tonne<br>@ Rate of 66482.14 / ton<br>= ₹ 416843/- |                                          |
|           | ⑦ Supplying and fixing precast reinforced concrete slab<br>10 cm thick including cost of reinforcement as per design<br>and drawing material cost, transportation, hire charges<br>of machinery, machine cutting the vertical face to get<br>plain even surface etc. Complete with all leads and lift |             |             |              |            |                                                                                                             |                                          |
|           | 2nd Area U/s                                                                                                                                                                                                                                                                                          | 1 ✓         | 60.0 ✓      | 0.90 ✓       |            | 54.0 ✓                                                                                                      |                                          |
|           |                                                                                                                                                                                                                                                                                                       | 1 ✓         | 30.0 ✓      | 0.90 ✓       |            | 27.0 ✓                                                                                                      |                                          |
|           | RL                                                                                                                                                                                                                                                                                                    | 1 ✓         | 60.0 ✓      | 0.90 ✓       |            | 54.0 ✓                                                                                                      |                                          |
|           |                                                                                                                                                                                                                                                                                                       | 1 ✓         | 30.0 ✓      | 0.90 ✓       |            | 27.0 ✓                                                                                                      |                                          |

*[Signature]*  
M/10/1

## M. A. R. 57 (Rule 116)

Measurement Book

No. D

61911

Serial No. ....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date<br>1 | Full description, etc, of work<br>2                                                                                                                                                                                                                                                                                                   | Dimensions  |                    |                                   |            | Contents<br>7              | Reference<br>to last<br>Measurement<br>8 |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|-----------------------------------|------------|----------------------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                       | Number<br>3 | Length<br>4        | Breadth<br>5                      | Depth<br>6 |                            |                                          |
|           | Crash road                                                                                                                                                                                                                                                                                                                            | 1 ✓<br>1 ✓  | 30.00 ✓<br>10.00 ✓ | 0.90 ✓<br>0.90 ✓                  |            | 27.00 ✓<br>9.00 ✓          |                                          |
|           |                                                                                                                                                                                                                                                                                                                                       |             |                    | Total Qty<br>@ rate of 1698/- cum |            | 198.00 cum<br>= ₹ 336204/- |                                          |
| ⑧         | For grading & material construction of granular sub base by providing coarse graded crushed stone aggregates & granitic/basalt material spreading in uniform layers with motor grader on prepared surface mixing by a mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density. |             |                    |                                   |            |                            |                                          |

ಮಾನ್ಯ ಕಾರ್ಯದರ್ಶಿ, ಬೆಂಗಳೂರು  
 ಪ.ರಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ  
 ಬಾಗಲಗುಂದಿ, ಬಿಬಿಎಂಪಿ  
 ಬೆಂಗಳೂರು

# MEASUREMENT BOOK

| Date<br>1 | Full description, etc, of work<br>2                                                                                                                                                                                                                                                                                                                                                                                             | Dimensions  |             |              |            | Contents<br>7                                         | Reference<br>to last<br>Measurement<br>8 |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|------------|-------------------------------------------------------|------------------------------------------|
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                 | Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 |                                                       |                                          |
|           | <p>Complete as per specifications for Grading I material.</p> <p>As per premeasurement Qty recorded in this m/s at pg no 61967/ vol. no. 8.</p> <p>Qty limited to</p> <p>@ Rate of 1578.98/-</p>                                                                                                                                                                                                                                |             |             |              |            | <p>10.80 cum</p> <p>10.00 cum</p> <p>5 \$ 15190/-</p> |                                          |
| ⑨         | <p>Spreading, laying, spreading and compacting graded stone aggregates to meet new macadam specifications including see mixing the material with water at 0.1% in mechanical mix plant coverage of mixed method of topsoil to site laying in uniform layers with parer in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.</p> |             |             |              |            |                                                       |                                          |

61912

Serial No.

Name of work

Name of Contractor of nature of Agency

Date of commencement of work

Access: Superintendent

Exec. Engineer

| Date | Full description, etc., of work |
|------|---------------------------------|
| 1950 | ...                             |
| 1951 | ...                             |
| 1952 | ...                             |
| 1953 | ...                             |
| 1954 | ...                             |
| 1955 | ...                             |
| 1956 | ...                             |
| 1957 | ...                             |
| 1958 | ...                             |
| 1959 | ...                             |
| 1960 | ...                             |
| 1961 | ...                             |
| 1962 | ...                             |
| 1963 | ...                             |
| 1964 | ...                             |
| 1965 | ...                             |
| 1966 | ...                             |
| 1967 | ...                             |
| 1968 | ...                             |
| 1969 | ...                             |
| 1970 | ...                             |
| 1971 | ...                             |
| 1972 | ...                             |
| 1973 | ...                             |
| 1974 | ...                             |
| 1975 | ...                             |
| 1976 | ...                             |
| 1977 | ...                             |
| 1978 | ...                             |
| 1979 | ...                             |
| 1980 | ...                             |
| 1981 | ...                             |
| 1982 | ...                             |
| 1983 | ...                             |
| 1984 | ...                             |
| 1985 | ...                             |
| 1986 | ...                             |
| 1987 | ...                             |
| 1988 | ...                             |
| 1989 | ...                             |
| 1990 | ...                             |
| 1991 | ...                             |
| 1992 | ...                             |
| 1993 | ...                             |
| 1994 | ...                             |
| 1995 | ...                             |
| 1996 | ...                             |
| 1997 | ...                             |
| 1998 | ...                             |
| 1999 | ...                             |
| 2000 | ...                             |
| 2001 | ...                             |
| 2002 | ...                             |
| 2003 | ...                             |
| 2004 | ...                             |
| 2005 | ...                             |
| 2006 | ...                             |
| 2007 | ...                             |
| 2008 | ...                             |
| 2009 | ...                             |
| 2010 | ...                             |
| 2011 | ...                             |
| 2012 | ...                             |
| 2013 | ...                             |

W. P. Dinsdale, Division

## Dimensions

Number

Length

### Breadth

## Depth

## Contents

Reference  
to last  
Measurement  
8

As per premeasurement qty recorded within mg at pg  
no. 61968/2 mole at. no. ⑦ i.e

Only limited to

Plate 7 1768. of ~~the~~

21.60 cm

20.00 cc

$$= 235362 \frac{1}{2}$$

Subtotal

$$= ₹1798.51/-$$

CRDL, GST, and laborer diseases

$$(7+3+1) = 11 \times$$
$$= \pounds 197836$$

|                   |   |            |
|-------------------|---|------------|
| Total Bill Amount | = | £1996354/- |
|-------------------|---|------------|

ದಹಾಯಿಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ

ಟಿ.ದಾಸರಹಳ್ಳಿ, ಉಪ-ವಿಭಾಗ

ಪ್ರಾಣಲಿಂಗಂ: ಪದ್ಧತಿಂ:

प्रतिपक्ष

July 5/2018

2nd row

